Will the PRIME MINISTER be pleased to state:

(a) whether the commercial production of Amorphous Silicon Films for Solar Energy has begun in India as told to the members in Consultative Committee meeting of Science and Technology held on 13th February, 1993; and

(b) if so, the name of location of the firms producing amorphous silicon films alongwith the rates of such films?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY RESOURCES WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI S. KRISHNA KUMAR): (a) and (b) As a part of a national programme for the development of amorphous silicon solar cell technology a pilot plant for the production of amorphous silicon solar cells and modules has been established by the Ministry of Non-Conventional Energy Sources at Gwalpahari in Gurgaon District of Haryana. The plant is at present being operated by Bharat Heavy Electricals Limited and is also being used for further technology development activities. The commercial price of the modules produced in he plant has not yet been fixed.

Infrastructure facilities for Research Programmes

3097. SHRI MOHINDER SINGH LATHER: Will the PRIME MINISTER be pleased to state:

(a) whether infrastructure facilities to take our various research programmes in the field of Science and Technoligy, have been provided at various places in all the States;

(b) if so, the steps taken for exploiting the resources available there; and

(c) the details of the projects likely to be started in the near future?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM): (a) to (c) Yes Sir, through the mechanism of Five Year Plans, the Government has created considerable Science and Technology infrastructural facilities in the form of Science & Technology Institutions, National Research Laboratories etc. under the various Science & Technology departments and Socio-Economic Ministries to undertake research programmes in the field of Science & Technology. In addition Government has also established State Science and Technology Councils in the States and Union Territories for formulation, planning, coordinating and promoting Science and Technology activities at the State level.

Government has provided increased Plan allocations for Science and Technology for the Central Sector Oulay as well as State Sector. Outlay during the Eighth Plan for Science and Technology Programmes which will help in strengthening and modernising infrastructural facilities Several Science and Technology department/agencies have extramural R and D schemes, specific to their areas of operation, which also provide considerable infrastructural facilities to the various educational institutions and research laboratories for undertaking research programmes. The University Grants Commission and Ministry of Human Resources Development have special programmes for strengthening infrastructure for Science & Technology in educational institutions. Government has also recently increased the allocations for overhead expenses on extramural R and D Schemes, which are meant to provide infrastructural support for research and development activities.

Projects approved by the SERC

3098. SHRI SANTOSH KUMAR SAHU: Will the PRIME MINISTER be pleased to state:

(a) the number of the projects approved by the Science Engineering Research Council for implementation since 1989, year-wise;

(b) whether State Councils are implementing the said projects in selective areas or are being assigned uniform pattern of projects for promotion of Science and Technology; and

(c) the number of essentiality certificates issued for the import of consumables and chemicals to the public funded research institutions of the country; State-wise?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM): (a)

Year	No. of Research projects approved
1989 . . .	150
1990 . . .	204
1991 . . .	206
1992 . . .	172

(b) Projects are implemented by various universities/academic institutions, National Research Laboratories etc. under the guidance of concerned scientists.

State/UT	No. of Essentiality Certificates issued (Since 1988)
Maharashtra .	296
Himachal Pradesh .	005
Gujarat . .	001
Rajasthan . .	004
Karnataka . .	023
Jammu & Kashmir .	009
Kerala . . .	007
Assam . . .	017
Haryana . .	002
Uttar Pradesh .	007
Bihar . . .	003
Andhra Pradesh .	021
Orissa . . .	003
West Bengal . .	015
Tamil Nadu . .	004
Delhi . . .	085
Chandigarh . .	008

Incidents of paranoid schizophernia

3099. SHRI S. S. AHLUWALIA: Will the PRIME MINISTER be pleased to state:

(a) whether Government has been drawn to the newsreport which appeared in "The Telegraph"; Calcutta; dated February 17; 1993; regarding the increasing incidents of "paranoid schizophernia" amongst youths who are avid readers of science fictions and viewers of science fiction films;

(b) if so, reaction of the Government;

(c) whether any comprehensive study into the matter by experts is being contemplated into the matter; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM): (a) to (d) Information is being collected and will be laid on the Table of the House.